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**FAX COVER SHEET**

**TO:** Examiner Almis R. Jankus  
Art Unit 2671

**FAX #:** (571) 273-8300

**CC:**

**FROM:** William P. Jensen

**NUMBER OF PAGES:** 32  
(INCLUDING COVER PAGE)

**DATE:** September 14, 2005

**C/M#:** 33849-8

**SUBJECT:** Applicants' Interview Summary & Second Supplemental IDS

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PTO/SB/21 (09-04)

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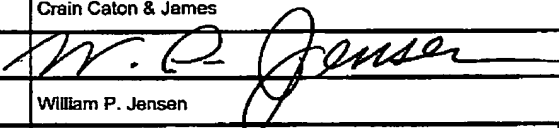
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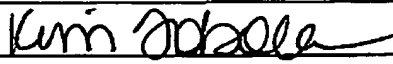
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/119,635	
	Filing Date	July 21, 1998	
	First Named Inventor	Cheung, et al	
	Art Unit	2671	
	Examiner Name	Alanis R. Jankus	
Total Number of Pages in This Submission	17	Attorney Docket Number	33849-08

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Applicants' Interview Summary
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Crain Caton & James		
Signature			
Printed name	William P. Jensen		
Date	14 September 2005	Reg. No.	36,833

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Typed or printed name	Kim Tobola	Date	14 September 2005

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant(s):</b>	Cheung, et al	§	<b>Attorney Docket</b>	
		§	<b>Number:</b>	33849-08
<b>Application/Seria</b>	09/119,635	§		
<b>I Number:</b>		§		
<b>Filed:</b>	07/21/1998	§	<b>Examiner:</b>	Almis R. Jankus
<b>For:</b>	System and Method for Analyzing and	§		
	Imaging Three-Dimensional Volume	§		
	Data Sets Using A Three-Dimensional	§	<b>Art Unit:</b>	2671
	Sampling Probe	§		

**APPLICANTS' INTERVIEW SUMMARY**

Dear Sir:

Pursuant to MPEP § 713.04, Applicants submit the following summary of the personal interview conducted with the Examiner on September 9, 2005:

**Brief Description of the Nature of any Exhibit Shown or any Demonstration Conducted:**

None.

**Identification of the Claims Discussed:**

Independent Claim 1.

**Identification of Specific Prior Art Discussed:**

Viege et. al. "3D MAGIC LENSES"

**Identification of the Principle Proposed Amendments of a Substantive Nature Discussed:**

The Examiner suggested "amending Claim 1 to limit the image to only the intersection of the 3D sampling probe and the 3D volume would overcome Viege et al."

**The General Thrust of the Principal Arguments of Applicants to the Examiner:**

Applicants' undersigned representative suggested that Viege et. al. did not limit the image to only the intersection of the 3D sampling probe and the 3D volume and further, did not teach or disclose the method described in Claim 1 as "repeating drawing step (b) responsive to movement of the 3D sampling probe(s) within the 3D volume so that as the 3D sampling

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Attorney Docket No.: 33849-08

probe(s) moves through the 3D volume, the image of the 3D sampling probe(s) is redrawn substantially at the same time."

Applicants' undersigned representative also suggested that Viega et. al. and Speray et. al. "Volume Probes: Interactive Data Exploration on Arbitrary Grids," which was faxed by the Examiner to Applicants' undersigned representative prior to the interview, are no more relevant than the references cited in U.S. Patent Number 6,765,570 and the pending Application.

**General Indication of Any Other Pertinent Matters Discussed:**

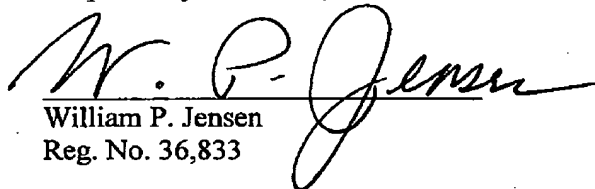
The Examiner acknowledged that Applicants' Amendment and Response to Office Action dated October 6, 2004, which included a terminal disclaimer, was sufficient to overcome the double patenting rejection of the claims based upon U.S. Patent Number 6,765,570.

**General Results or Outcome of the Interview:**

The Examiner promised to promptly review Speray et. al. and specify the specific sections of each reference [Viega et. al. and Speray et. al.] on which the Examiner intends to rely and whether the Examiner will rely on each reference individually or collectively in the next office action.

Respectfully submitted,

Date: September 14, 2005

  
William P. Jensen  
Reg. No. 36,833

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September 14, 2005  
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Kim Tobola